

SOURCE INVENTORY

CATEGORY #315 - 319

PLANNED AGRICULTURAL DEBRIS BURNING; PRUNINGS; FIELD CROPS; WEED BURNING; RANGE IMPROVEMENT BURNING; AND FOREST MANAGEMENT

1999 EMISSIONS

Methodologies

These categories account for emissions resulting from burning agricultural debris such as prunings and field crops.

For Base Year 1999, the throughput information for these categories was obtained from actual burn permits issued by the District's Enforcement Division for each county. Emission factor (lb/ton) and loading factor (tons of debris/acre) information is in accordance with California Air Resources Board (ARB) and EPA Document, AP-42.

Monthly Variation

Monthly distribution for all categories was made proportional to the burn permit data reported to the ARB.

County Distribution

Distribution of emissions into counties was done based on actual burn permit data, according to county by county tonnage of debris burnt.

TRENDS

History

The 1981 emissions and tonnage burned data was used to develop emission factors for base years 1987 and 1990.

Growth

Emissions to the year 2010 were projected by growth in dollar value of agriculture-production in the bay area.